FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
660117.423C1APPLICATION NO.  
09/688,055

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**SECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**  
(Use several sheets if necessary)APPLICANTS  
Mark R. Holl et al.

OCT 21 2003

FILING DATE  
October 13, 2000GROUP ART UNIT  
1743

TC 1700

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3,463,614	08/26/69	Leslie	23	230	
AB	3,677,710	07/18/72	Hirsch	23	258.5	
AC	3,811,474	05/21/74	Bauer et al.	137	833	
AD	4,109,505	08/29/78	Clark et al.	73	1R	
AE	4,201,470	05/06/80	Ehrly et al.	356	39	
AF	4,206,650	06/10/80	Berber et al.	73	421R	
AG	4,473,424	09/25/84	Sorko-Ram	156	268	
AH	4,484,134	11/20/84	Halloran	324	71.1	
AI	4,503,385	03/05/85	Haynes	324	71.4	
AJ	4,533,638	08/06/85	Murányi et al.	435	288	
AK	4,623,470	11/18/86	Adler	210	787	
AL	4,766,079	08/23/88	Fele et al.	436	63	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AM	WO 96/34282	10/31/96	WIPO		
AN	WO 00/70080	11/23/00	WIPO		
AO	WO 00/74850	12/14/00	WIPO		
AP	WO 01/09589	02/08/01	WIPO		
AQ	WO 02/11887	02/14/02	WIPO		

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Alonso et al., "Time-dependent rheological behaviour of blood flow at low shear in narrow horizontal tubes," <i>Biorheology</i> 26(2): 229-246, 1989.
AS	

EXAMINER

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5/12/2004

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Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				APPLICANTS Mark R. Holl et al.		FILING DATE October 13, 2000				GROUP ART UNIT 1743	
<b>U.S. PATENT DOCUMENTS</b>											
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
	BA	4,781,459	11/01/88	Suzuki	356	335					
	BB	4,818,103	04/04/89	Thomas et al.	356	72					
	BC	4,822,568	04/18/89	Tomita	422	73					
	BD	4,938,592	07/03/90	Poole et al.	356	335					
	BE	5,011,022	04/30/91	Palepu et al.	209	155					
	BF	5,182,617	01/26/93	Yoneyama et al.	356	440					
	BG	5,254,201	10/19/93	Konda et al.	156	344					
	BH	5,260,029	11/09/93	Hosoi et al.	422	82.08					
	BI	5,464,752	11/07/95	Kortright et al.	435	7.24					
	BJ	5,530,540	06/25/96	Wyatt et al.	356	246					
	BK	5,579,107	11/26/96	Wright et al.	356	336					
	BL	5,587,070	12/24/96	Pall et al.	210	202					
	BM	5,591,403	01/07/97	Gavin et al.	422	73					
BN	5,601,234	02/11/97	Larue	239	1						
BO	5,635,358	06/03/97	Wilding et al.	435	7.2						
<b>FOREIGN PATENT DOCUMENTS</b>											
		DOCUMENT NUMBER	DATE	COUNTRY			TRANSLATION YES NO				
	BP										
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)											
	BQ										
	BR										
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			APPLICANTS Mark R. Holl et al.		
	FILING DATE October 13, 2000		GROUP ART UNIT 1743		

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	5,644,395	07/01/97	Folta	356	246	
	CB	5,656,499	08/12/97	Chupp et al.	436	43	
	CC	5,690,895	11/25/97	Matsumoto et al.	422	73	
	CD	5,726,404	03/10/98	Brody	200	81R	
	CE	5,728,351	03/17/98	Carver, Jr.	422	73	
	CF	5,747,349	05/05/98	van den Engh et al.	436	172	
	CG	5,793,485	08/11/98	Gourley	356	318	
	CH	5,840,254	11/24/98	Carver, Jr. et al.	422	68.1	
	CI	5,858,195	01/12/99	Ramsey	204	601	
	CJ	5,868,322	02/09/99	Loucks, Jr. et al.	239	418	
	CK	5,876,675	03/02/99	Kennedy	422	99	
	CL	5,885,470	03/23/99	Parce et al.	216	33	
	CM	5,932,100	08/03/99	Yager et al.	210	634	
	CN	5,945,334	08/31/99	Besemer et al.	435	287.2	
	CO	5,948,684	09/07/99	Weigl et al.	436	52	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CP					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

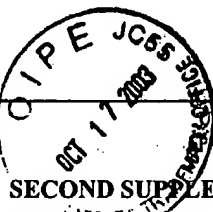
	CQ		
	CR		

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**TC 1700****U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA		5,971,158	10/26/99	Yager et al.	209	155	
DB		5,972,710	10/26/99	Weigl et al.	436	34	
DC		5,989,402	11/23/99	Chow et al.	204	601	
DD		5,993,750	11/30/99	Ghosh et al.	422	191	
DE		6,007,690	12/28/99	Nelson et al.	204	601	
DF		6,120,666	09/19/00	Jacobson et al.	204	452	
DG		6,136,272	10/24/00	Weigl et al.	422	82.05	
DH		6,139,800	10/31/00	Chandler	422	82.08	
DI		6,156,208	12/05/00	Desjardins et al.	210	695	
DJ		6,159,739	12/12/00	Weigl et al.	436	52	
DK		6,167,910	01/02/01	Chow	137	827	
DL		6,176,962	01/23/01	Soane et al.	156	292	
DM		6,183,064	02/06/01	Murthy et al.	347	47	
DN		6,183,829	02/06/01	Daecher et al.	428	64.1	
DO		6,188,474	02/13/01	Dussault et al	356	246	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	DP					

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	DQ		
	DR		

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		FILING DATE October 13, 2000	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EA		6,221,654	04/24/01	Quake et al.	435	287.3	
EB		6,221,677	04/24/01	Wu et al.	436	518	
EC		6,287,438	09/11/01	Knoll	204	409	
ED		6,319,469	11/20/01	Mian et al.	422	64	
EE		6,432,630	08/13/02	Blankenstein	435	4	
EF		6,436,720	08/20/02	Oberbeck et al.	436	180	
EG		2002/0141902	10/03/02	Ozasa et al.	422	82.09	
EH		2002/0187557	12/12/02	Hobbs et al.	436	161	
EI							
EJ							
EK							
EL							
EM							
EN							
EO							

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	EP					

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	EQ	
	ER	

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 5/12/2004
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